Project Title	Funding	Strategic Plan Objective	Institution
A randomized controlled trial of two treatments for verbal communication	$150,000	Q4.4	Yale Child Study Center
Using zebrafish and chemical screening to define function of autism genes	$390,993	Q4.5	Whitehead Institute for Biomedical Research
Early pharmacotherapy guided by biomarkers in autism	$1,199,999	Q4.4	Wayne State University
Pediatric pharmacology research unit	$358,400	Q4.Other	Wayne State University
A cognitive-behavioral intervention for children with autism spectrum disorders	$132,249	Q4.Other	Virginia Polytechnic Institute and State University
Efficacy of community-based instruction and supported employment on the competitive employment outcomes on transition-age youth with autism	$60,000	Q4.4	Virginia Commonwealth University
An examination of the effectiveness of manipulative letter instruction on decoding skills of young children with autism	$30,000	Q4.4	Virginia Commonwealth University
Innovative technology for mapping social engagement in children with autism: Adaptive physiological profiling in real time	$60,000	Q4.1	Vanderbilt University
Melatonin for sleep in children with autism: Safety, tolerability, and dosing	$387,141	Q4.2	Vanderbilt University
Regulation of MET expression in autism disorder and forebrain ontogeny	$25,583	Q4.5	Vanderbilt University
Neurodevelopmental mechanisms of social behavior	$546,302	Q4.5	Vanderbilt University
Related services intervention for expressive and receptive language skills in autism spectrum disorder and in cognitive impairment	$295,657	Q4.Other	Vanderbilt University
Social communication and symbolic play intervention for preschoolers with autism	$310,790	Q4.Other	Univsity of North Carolina at Chapel Hill
Steroid receptors and brain sex differences	$301,359	Q4.5	University of Wisconsin - Madison
The mirror neuron system in children with autism	$118,156	Q4.1	University of Washington
Intervention for infants at risk for autism	$150,000	Q4.3	University of Washington
Risk and protective factors in the development of associated symptoms in autism	$171,867	Q4.4	University of Washington
Autistic enterocolitis/Crohns	$45,000	Q4.2	University of Turin
Dysregulation of p13/AKT in mouse models for social interaction deficits and for ASD with macrocephaly	$204,926	Q4.5	University of Texas Southwestern Medical Center
ADHD symptoms in autism: Cognition, behavior, treatment	$273,390	Q4.Other	University of Texas Health Science Center at Houston
Raising glutathione levels in children with autism	$24,516	Q4.6	University of Texas
Robotics and speech processing technology for the facilitation of social communication training in children with autism	$100,000	Q4.4	University of Southern California
3/3-Atomoxetine placebo and parent training in autism	$271,708	Q4.Other	University of Rochester
1/3-Atomoxetine placebo and parent training in autism	$272,252	Q4.Other	University of Pittsburgh

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Efficacy and sustainability of the STAR program	$796,438	Q4.3	University of Pennsylvania
A randomized trial of the STAR program for children with autism spectrum disorder	$705,566	Q4.4	University of Pennsylvania
Promoting early social-communicative competency in toddlers with autism	$323,000	Q4.3	University of Northern Colorado
Early intervention for children screened positive for autism by the first year inventory	$200,000	Q4.3	University of North Carolina at Chapel Hill
Social cognition and interaction training for adolescents with high functioning autism	$60,000	Q4.4	University of North Carolina at Chapel Hill
Functional neuroimaging of psychopharmacologic intervention for autism	$154,492	Q4.Other	University of North Carolina at Chapel Hill
Comparison of two comprehensive treatment models for preschool-aged children with autism spectrum disorders and their families	$756,312	Q4.Other	University of North Carolina at Chapel Hill
Functional analysis and treatment of symptoms of autism	$250,055	Q4.Other	University of Nebraska Medical Center
Evaluating a 3D VLE for developing social competence	$100,000	Q4.Other	University of Missouri
2/2-Effects of parent-implemented intervention for toddlers with autism spectrum	$776,570	Q4.3	University of Michigan
A clinical randomized control trial of joint attention intervention in young children with ASD	$30,000	Q4.4	University of Miami
A mouse knock-in model for Engrailed 2 autism susceptibility	$152,764	Q4.5	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
Omega 3 fatty acids in the treatment of children with autism spectrum disorders	$221,956	Q4.6	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
Guiding visual attention to enhance discrimination learning	$142,587	Q4.Other	University of Massachusetts Medical School
Optimizing discrete-trial procedures for ASD children	$177,625	Q4.Other	University of Massachusetts Medical School
Stimulus structure enhancement of visual symbol detection in AAC	$147,762	Q4.Other	University of Massachusetts Medical School
Using CBPR to design & pilot a physical activity program for youth with ASD	$192,386	Q4.Other	University of Massachusetts Medical School
A multi-site clinical randomized trial of the Hanen More Than Words intervention	$400,000	Q4.4	University of Massachusetts Boston
Communication success and AAC: A model of symbol acquisition	$347,678	Q4.Other	University of Kansas
The pharmacognetics of treatment for insistence sameness in autism	$377,097	Q4.8	University of Illinois at Chicago
Enhancing social communication for children with HFA	$46,000	Q4.4	University of Haifa
Fathers as in-home trainers of autistic children	$236,843	Q4.Other	University of Florida

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Language functioning in optimal outcome children with a history of autism	$489,612	Q4.1	University of Connecticut
Leap - USA (Using Science-based Approaches)	$470,455	Q4.3	University of Colorado Denver
Peer-mediated intervention for elementary chool students with ASD	$60,000	Q4.4	University of Colorado Denver
Cognitive-behavioral group treatment for anxiety symptoms in adolescents with high-functioning autism spectrum disorders	$100,000	Q4.4	University of Colorado Denver
Analysis of FGF17 roles and regulation in mammalian forebrain development	$51,886	Q4.5	University of California, San Francisco
Role of Wnt signaling through Dishevelled, Dact and p120catenin in forebrain development, synaptic physiology, and mouse behavior: Exploration of a pathway with many components linked to autism spectrum disorders	$210,122	Q4.5	University of California, San Francisco
Safety and efficacy of complementary and alternative medicine for autism spectrum disorders	$100,000	Q4.6	University of California, San Francisco
Translation of evidenced based treatment to classrooms	$30,000	Q4.4	University of California, San Diego
Clinical phenotype: Treatment response core	$199,980	Q4.Other	University of California, San Diego
Neocortical regionalization: Analysis of genetic and epigenetic influences	$75,000	Q4.5	University of California, Riverside
Optimizing social and communication outcomes for toddlers with autism	$290,094	Q4.3	University of California, Los Angeles
Promoting communication skills in toddlers at risk for autism	$300,000	Q4.3	University of California, Los Angeles
Developmental and augmented intervention for facilitating expressive language	$600,000	Q4.3	University of California, Los Angeles
Transporting evidence-based practices from the academy to the community: School-based CBT for children with ASD	$60,000	Q4.4	University of California, Los Angeles
Joint attention intervention for caregivers and their children with autism	$51,000	Q4.4	University of California, Los Angeles
Joint attention intervention for nonverbal children with ASD	$60,000	Q4.4	University of California, Los Angeles
Understanding repetitive behavior in autism	$327,738	Q4.8	University of California, Los Angeles
Autism Intervention Research network on Behavioral health (AIR-B network)	$2,000,000	Q4.Other	University of California, Los Angeles
Technology support for interactive and collaborative visual schedules	$42,000	Q4.Other	University of California, Irvine
A multi-site randomized study of intensive treatment for toddlers with autism	$2,971,125	Q4.3	University of California, Davis
Intervention for infants at risk for autism	$150,000	Q4.3	University of California, Davis

Project Title	Funding	Strategic Plan Objective	Institution
Analysis of 15q11-13 GABA-A receptor defects in autism	$30,772	Q4.5	University of California, Davis
Double-blind placebo controlled trial of subcutaneous methyl B12 on behavioral and metabolic measures in children with autism	$150,000	Q4.8	University of California, Davis
Pharmacogenomics in autism treatment	$171,000	Q4.Other	University of California, Davis
Development of an intervention to enhance the social competencies of children with Asperger's/high functioning autism spectrum disorders	$335,984	Q4.Other	University at Buffalo, The State University of New York
Autism spectrum disorders	$380,523	Q4.Other	Three C Institute For Social Development
Effectiveness of sensory based strategies for improving adaptive behaviors in children with autism	$150,000	Q4.4	Thomas Jefferson University
Exploring the role of synaptic proteins in mouse models of autism	$165,572	Q4.5	The Rockefeller University
A better understanding of the therapeutic actions of specific neuroleptics in autism	$165,572	Q4.5	The Rockefeller University
Neuronal nicotonic receptor modulation in the treatment of autism: A pilot trial of mecamylamine	$58,000	Q4.8	The Ohio State University
2/3-Atomoxetine placebo and parent training in autism	$343,820	Q4.Other	The Ohio State University
Evaluating intensive early behavioral intervention in autism	$40,000	Q4.3	Temple University
Portable guidance in autism spectrum disorder	$503,554	Q4.Other	Symtrend, Inc.
Improved quality of life for people with autism and their families by integrating biomedical and behavioral approaches	$100,000	Q4.Other	State University of New York
Function and dysfunction of neuroligins	$498,665	Q4.5	Stanford University
Probing a monogenic form of autism from molecules to behavior	$187,500	Q4.5	Stanford University
Role of L-type calcium channels in hippocampal neuronal network activity	$34,686	Q4.5	Stanford University
Altering motivational variables to treat stereotyped behavior	$100,000	Q4.Other	St. Cloud State University
Measuring the effects of training parents to provide intervention via the Arizona telemedicine program	$60,000	Q4.4	Southwest Autism Research & Resource Center
Remote parent training project	$70,000	Q4.Other	Southwest Autism Research & Resource Center
Desensitization techniques for difficult behaviors	$25,000	Q4.Other	Southwest Autism Research & Resource Center
Development of MGLUR5 antagonists to treat fragile X syndrome and autism	$1,068,100	Q4.Other	Seaside Therapeutics, LLC
Integrated play groups: Promoting social communication and symbolic play with peers across settings in children with autism	$150,000	Q4.4	San Francisco State University

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Testing the effects of cortical disconnection in non-human primates	$150,000	Q4.5	Salk Institute for Biological Studies
Builiding tacting and joint attention skills with the use of ACS	$30,000	Q4.4	Rutgers University
Translating pivotal response training into classroom environments	$473,411	Q4.Other	Rady Children's Hospital Health Center
Educating parents: Behavioral intervention in autism	$490,843	Q4.Other	Praxis, Inc.
Enhancing social functioning among adolescents with Asperger's syndrome and high functioning autism	$60,000	Q4.4	Penn State Milton S. Hershey Medical Center
Probiotics and vitamin D in ASD	$20,000	Q4.6	Oregon Health & Science University
Generation of genetic models of autism in mice	$60,000	Q4.5	New York University School of Medicine
Examination of rerequisite skills for learning using video modeling	$30,000	Q4.4	New England Center for Children
Parents and professionals attitudes to dietary interventions in ASD (PADIA)	$109,658	Q4.6	Newcastle University
Animal models of neuropsychiatric disorders	$1,537,274	Q4.5	National Institutes of Health
Regulation of gene expression in the brain	$1,548,920	Q4.5	National Institutes of Health
The functional neuroanatomy of memory systems in the human brain	$1,653,734	Q4.5	National Institutes of Health
Treatment of autism spectrum disorders with a glutamate antagonist	$465,840	Q4.7	National Institutes of Health
Treatment of medical conditions among individuals with autism spectrum disorders	$465,840	Q4.Other	National Institutes of Health
Evaluating behavioral and neural effects of social skills intervention for school-age children with autism spectrum disorders	$60,000	Q4.1	Mount Sinai School of Medicine
Early pharmacologic intervention in autism: Fluoxetine in preschool children	$1,712	Q4.4	Mount Sinai School of Medicine
The role of Shank3 in autism spectrum disorders	$360,000	Q4.5	Mount Sinai School of Medicine
Oxytocin vs placebo on response inhibition & face processing in autism	$3,995	Q4.8	Mount Sinai School of Medicine
Intransal oxytocin in the treatment of autism	$13,127	Q4.8	Mount Sinai School of Medicine
Divalproex sodium ER in adult autism	$1,142	Q4.8	Mount Sinai School of Medicine
Comprehensive web-based digital interactive scene program for language in autism	$183,220	Q4.Other	Monarch Teaching Technology, Inc.
A sibling mediated imitation intervention for young children with autism	$28,000	Q4.3	Michigan State University
A randomized, double blind, placebo controlled study of fatty acid supplementation in autism	$140,000	Q4.8	Medical University of South Carolina

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Evaluating the effectiveness of the social cognition training tool (SCOTT) in ASD on behavioral, occulomotor, and neuronal levels	$60,000	Q4.4	Max Planck Institute for Human Development
Mice lacking Shank postsynaptic scaffolds as an animal model of autism	$250,806	Q4.5	Massachusetts Institute of Technology
Neural and cognitive mechanisms of autism	$1,500,000	Q4.5	Massachusetts Institute of Technology
Models and mechanisms - 1	$127,050	Q4.5	Massachusetts Institute of Technology
Regulation of synaptogenesis by cyclin dependent kinase 5	$327,398	Q4.5	Massachusetts Institute of Technology
Autism Intervention Research network on Physical health (AIR-P network)	$3,999,342	Q4.2	Massachusetts General Hospital
Feeding problems in children with ASD: Impact of parent education in modifying aberrant eating habits	$30,000	Q4.4	Marcus Institute
Theory of mind software for autism and other communication disorders	$798,241	Q4.Other	Laureate Learning Systems, Inc.
Acupressure and acupuncture as an intervention with children with autism	$90,000	Q4.6	Kennedy Krieger Institute
Double masked placebo controlled trial of cholesterol in hypocholesterolemic ASD	$300,000	Q4.8	Kennedy Krieger Institute
Investigation of the role of MET kinase in autism	$488,411	Q4.5	Johns Hopkins University School of Medicine
Enhancing inter-subjectivity in infants at high-risk for autism	$213,000	Q4.3	IWK Health Centre/Dalhousie University
ACT online: Stress reduction for parents who have children with DD	$233,890	Q4.Other	Iris Media, Inc.
Novel pharmacological strategies in autism	$1,585	Q4.4	Indiana University-Purdue University Indianapolis
Risperidone and behavior therapy in children and adolescents with pervasive disorder	$3,446	Q4.8	Indiana University-Purdue University Indianapolis
Aripiprazole in children and adolescents with autistic disorder	$1,338	Q4.8	Indiana University-Purdue University Indianapolis
D-cycloserine in children and adolescents with autism	$4,493	Q4.8	Indiana University-Purdue University Indianapolis
Novel pharmacological strategies in autism	$305,254	Q4.Other	Indiana University-Purdue University Indianapolis
Targeted pharmacologic interventions for autism	$341,475	Q4.Other	Indiana University-Purdue University Indianapolis
Pharmacotherapy of pervasive developmental disorders	$184,202	Q4.Other	Indiana University-Purdue University at Indianapolis
Increasing social engagement in young children with ASD using video self-modeling and peer training	$30,000	Q4.4	Indiana Resource Center for Autism
Connectopathic analysis of autism	$234,451	Q4.5	Harvard University
Perturbed activity dependent plasticity mechanisms in autism	$296,372	Q4.5	Harvard Medical School
1/2-Effects of parent-implemented intervention for toddlers with autism spectrum	$463,105	Q4.3	Florida State University

Project Title	Funding	Strategic Plan Objective	Institution
Effects of parent-implemented intervention for toddlers with autism spectrum	$300,000	Q4.3	Florida State University
Self-management of daily living skills: Development of cognitively accessible software for individuals with autism	$50,000	Q4.7	Eugene Research Institute
Synaptic and circuitry mechanisms of repetitive behaviors in autism	$400,000	Q4.5	Duke University Medical Center
Role of UBE3A in neocortical plasticity and function	$367,500	Q4.5	Duke University
Long-term olanzapine treatment in children with autism	$433,658	Q4.Other	Drexel University
Aberrant synaptic function due to TSC mutation in autism	$150,000	Q4.5	Columbia University Medical Center
Distinct function of the neuroligin 3 postsynaptic adhesion complex	$45,972	Q4.5	Columbia University
Molecular determinants of L-type calcium channel gating	$402,500	Q4.5	Columbia University
Cognitive mechanisms of serially organized behavior	$307,187	Q4.5	Columbia University
Genomic imbalances at the 22q11 locus and predisposition to autism	$400,000	Q4.5	Columbia University
Neurexin-neuroligin trans-syanptic interaction in learning and memory	$200,000	Q4.5	Columbia University
Transcranial magnetic stimulation (RTMS) for evaluation and treatment of repetitive behavior in subjects with autism spectrum disorders	$60,000	Q4.Other	Columbia University
Cellular and molecular alterations in gabaergic inhibitory circuits by mutations in MECP2, a gene implicated in the Rett syndrome of the autism spectrum disorders	$441,032	Q4.5	Cold Spring Harbor Laboratory
Novel models to define the genetic basis of autism	$800,694	Q4.5	Cold Spring Harbor Laboratory
A play and joint attention intervention for preschool teachers and young children with autism	$60,000	Q4.4	Cleveland State University
Development of an executive function-based intervention for ASD	$60,000	Q4.4	Children's National Medical Center
Double blind placebo controlled trial of hyperbaric oxygen	$60,021	Q4.6	Center for Autism and Related Disorders
Double blind placebo controlled evaluation of fluconazole	$15,134	Q4.6	Center for Autism and Related Disorders
Comparison of high to low intensity behavioral intervention	$121,029	Q4.7	Center for Autism and Related Disorders
Preventing autism via very early detection and intervention	$14,256	Q4.9	Center for Autism and Related Disorders
Identifying factors that predict response to intervention	$21,965	Q4.Other	Center for Autism and Related Disorders
Establishing liquid medication administration compliance	$27,985	Q4.Other	Center for Autism and Related Disorders
Teaching theory of mind skills to children with ASD	$24,025	Q4.Other	Center for Autism and Related Disorders

Project Title	Funding	Strategic Plan Objective	Institution
Teaching children to identify causes of others' emotions	$20,687	Q4.Other	Center for Autism and Related Disorders
Teaching children to comprehend rules containing "if/then"	$38,994	Q4.Other	Center for Autism and Related Disorders
Parent mediated behavioral treatment of food selectivity	$30,966	Q4.Other	Center for Autism and Related Disorders
Age and treatment intensity in behavioral intervention	$34,879	Q4.Other	Center for Autism and Related Disorders
Chart review of 38 cases of recovery from autism	$35,117	Q4.Other	Center for Autism and Related Disorders
Long-term follow-up of children with autism who recovered	$33,965	Q4.Other	Center for Autism and Related Disorders
Assessing preference for reinforcers in children with autism	$29,684	Q4.Other	Center for Autism and Related Disorders
Teaching children to identify others' preferences	$22,058	Q4.Other	Center for Autism and Related Disorders
Telemedicine approach to teaching pill-swallowing skills	$14,168	Q4.Other	Center for Autism and Related Disorders
Effects of follow-through during DTT on verbalizations	$11,231	Q4.Other	Center for Autism and Related Disorders
A non-human primate autism model based on maternal infection	$446,873	Q4.5	California Institute of Technology
Using functional physiology to uncover the fundamental principles of visual cortex	$320,000	Q4.1	Brown University
Oxidative stress: Rat study	$40,000	Q4.5	Brigham and Women's Hospital
Genetic analyses of ARX homeobox gene function in neurodevelopmental disorders	$211,950	Q4.5	Brandeis University
Models and mechanisms - 2	$90,000	Q4.5	Boston Children's Hospital
Clinical trial: Modulation of prefrontal activity to improve language skills in autism spectrum disorder	$1,688	Q4.2	Beth Israel Deaconess Medical Center
Treatment of sleep problems in children with autism spectrum disorder with melatonin: A double-blind, placebo-controlled study	$150,000	Q4.2	Baylor College of Medicine
Clinical Trials Network (CTN)	$200,000	Q4.7	Autism Speaks
Autism Treatment Network (ATN)	$3,400,000	Q4.7	Autism Speaks